

ICS 59.140.30
CCS Y 46



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 45707-2025

Leather - Crust full chrome upper leather - Specifications

皮革 铬鞣鞋面用坯革 规范

(English Translation)

Issued on: May 30, 2025

Implemented on: December 1, 2025

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Foreword
1 Scope
2 Normative references

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is modified to adopt ISO 20940:2021 "Specification and test methods for crust leather for chrome-tanned shoe uppers".

Compared with ISO 20940:2021, this document has many structural adjustments. Comparison table of structural number changes between the two documents See Appendix A. This document has many technical differences compared to ISO 20940:2021.

A single line (|) is used to indicate these technical differences. A list of these technical differences and their reasons is given in Appendix B. The following editorial changes were made to this document.

--- To coordinate with the existing standard, the name of the standard is changed to "Specification for Crust Leather for Chrome Tanned Shoe Uppers".

1 Scope

This document specifies the requirements for chrome tanned crust leather for shoe uppers, gives a product classification to facilitate technical regulations and describes the corresponding test methods.

The law stipulates the classification, inspection rules and marking, packaging, transportation, storage and other aspects.

This document applies to the production, inspection, grading and acceptance of all types of crust leather for chrome tanned shoe uppers.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 17928 Physical and mechanical tests for leather - Determination of pinhole tear strength (GB/T 17928-2023, ISO 23910. 2019,MOD)

GB/T 19941.1 Determination of formaldehyde content in leather and fur Part 1: High performance liquid chromatography method (GB/T 19941.1-2019,ISO 17226-1:2018,MOD)

GB/T 19941.2 Determination of formaldehyde content in leather and fur Part 2: Spectrophotometric method (GB/T 19941.2--- 2019,ISO 17226-2:2018,MOD)

GB/T 19942 Chemical tests on leather and fur - Determination of banned azo dyes (GB/T 19942-2019, ISO 17234-1. 2015,MOD)

GB/T 22807 Chemical tests on leather and fur - Determination of hexavalent chromium content. Spectrophotometric method (GB/T 22807-2019, ISO 17075-1:2017, MOD)

GB/T 22808 Chemical tests on leather and fur - Determination of chlorophenols (GB/T 22808-2021, ISO 17070. 2015,MOD)

GB/T 38402 Chemical tests on leather and fur - Determination of hexavalent chromium content. Chromatographic method (GB/T 38402-2019, ISO 17075-2:2017,MOD)

GB/T 39369 Physical and mechanical tests on leather - Determination of water vapor permeability (GB/T 39369-2020, ISO 14268:2012, MOD)

GB/T 40920 Leather color fastness test reciprocating rubbing color fastness (GB/T 40920-2021, ISO 11640:2018, MOD)

GB/T 45613 Physical and mechanical tests on leather - Determination of hygroscopicity (GB/T 45613-2025, ISO 17229:2016, MOD)

GB/T 45711.2 Determination of tearing force of leather. Double-sided tearing (GB/T 45711.2-2025, ISO 3377-2:2016, MOD)

QB/T 2262 Leather Industry Terminology

QB/T 2710 Physical and mechanical tests on leather - Determination of tensile strength and elongation

QB/T 2712 Physical and mechanical tests for leather - Determination of grain strength and extension height. Ball break test

QB/T 2713 Determination of shrinkage temperature of leather in physical and mechanical tests

QB/T 2714 Physical and mechanical tests on leather - Determination of folding fastness